IAP7 Rec'd PCT/PTO 04 AUG 2006

EXPRESS MAIL LABEL NO.: EV668788097US DATE: August 4, 2006

TRANSMITTAL LETTER TO THE UNITED STATES **DESIGNATED/ELECTED OFFICE (DO/EO/US)**

ATTORNEY'S DOCKET NUMBER OCIRS 3.3-080

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) **CONCERNING A SUBMISSION UNDER 35 U.S.C. 371** 10/567,138 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/US04/24737 29 July 2004 August 5, 2003 TITLE OF INVENTION HIGH FREQUENCY DRIVEN HIGH PRESSURE MICRO DISCHARGE APPLICANT(S) FOR DO/EO/US Manfred Salvermoser and Daniel E. Murnick Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (Executed) An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. A preliminary amendment. 14. An Application Data Sheet under 37 CFR 1.76. 15. A substitute specification. 16. A power of attorney and/or change of address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825. 17 18. A second copy of the published International Application under 35 U.S.C. 154(d)(4). A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

PTO-1390 (Rev. 07-2005)
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	Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.									
	U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/567,138				INTERNATIONAL APPLI	CATION NO. S04/24737	ATTORNEY'S DOCKET NUMBER OCIRS 3.3-080			
	20. X Other items or information: Copy of Notification Of Missing Requirements Under 35 U.S.C. 371 In The United States Designated/Elected Office (DO/EO/US), Communication, Return Receipt Postcard									
	The foll	owing fe	es have	been submitt	red		CALCULATIONS	S PTO USEONLY		
	The following fees have been submitted 21. Basic national fee (37 CFR 1.492(a))						\$	J FIO DOEONLY		
	22. Exan If the written opin prepared by I All other situation	PEÀUS i	\$							
	23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)									
	TOTAL OF 21, 22 and 23 =						\$ 0.0	0		
	sequer electro	nce listing onic mediu	fee for specification and drawings filed in paper over 100 sheets (excluding ce listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an nic medium) (37 CFR 1.492(j)). is \$250 for each additional 50 sheets of paper or fraction thereof.							
	Total Sheets	Extra SI	heets		h additional 50 or fraction i up to a whole number)	RATE				
	- 100 =		/50 =	-		x \$250.00	\$			
į	Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).						\$ 130.0	0		
		Total claims Independent claims		BER FILED	NUMBER EXTRA	RATE				
				- 20 =		x				
	<u> </u>			- 3 =	<u></u>	X				
	MULTIPLE DEF	MULTIPLE DEPENDENT CLAIM(S) (if applicable) +						0		
	TOTAL OF ABOVE CALCULATIONS: X Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. SUBTOTAL: Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). TOTAL NATIONAL FEE: Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property						\$ 130.0 65.0			
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					то	TAL FEES ENCLOSED =	\$	65.00		
NA/NG/2006 CENT							Amount to be refunded:	\$		
08/09/2006 GFRE 01 FC:2617	08/09/2006 GFRI Y1 00000019 121095 10567138 01 FC:2617 65.00 pg						Amount to be charged	\$		
	- OVERVE IN									

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U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. A check in the amount of \$ to cover the above fees is enclosed. Please charge my Deposit Account No. 12-1095 in the amount of \$ 65.00 to cover the above fees. A duplicate copy of this sheet is enclosed. c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit 12-1095 _ . A duplicate copy of this sheet is enclosed. Account No. Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038 NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed an granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Marcus J. Millet NAME CUSTOMER NUMBER: 000530 28,241 REGISTRATION NUMBER



JNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office
Address COMMISSIONER FOR PATENTS
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Alexandra, Vignia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO. FIRST NAMED APPLICANT ATTY. DOCKET NO. 10/567,138 Manfred Salvemoser OCIRS 3.3-080 INTERNATIONAL APPLICATION NO.

00530 LERNER, DAVID, LITTENBERG, **KRUMHOLZ & MENTLIK 600 SOUTH AVENUE WEST** WESTFIELD, NJ 07090

THY 2000

PCT/US04/24737 I.A. FILING DATE PRIORITY DATE 07/29/2004 08/05/2003

CONFIRMATION NO. 9417 371 FORMALITIES LETTER *OC000000019252205

Date Mailed: 06/14/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 02/06/2006
- English Translation of the IA filed on 02/06/2006
- Copy of the International Search Report filed on 02/06/2006
- Small Entity Statement filed on 02/06/2006
- Request for Immediate Examination filed on 02/06/2006
- U.S. Basic National Fees filed on 02/06/2006
- Priority Documents filed on 02/06/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of \$25 as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$90 for a Small Entity:

- \$65 Surcharge.
- Total additional claim fee(s) for this application is \$ 25
 - \$25 for 23 total claims over 20.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

LAMONT M HUNTER

Telephone: (703) 308-9140 EXT 201

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/567,138	PCT/US04/24737	OCIRS 3.3-080

FORM PCT/DO/EO/905 (371 Formalities Notice)

PATENT OCIRS 3.3-080

Group Art Unit:

August 4, 2006

Examiner:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: Manfred SALVERMOSER, et al.

Serial No. 10/567,138

PCT/US04/24737

Int. Appln. No.: Int. Filing Date:

July 29, 2004

HIGH FREOUENCY DRIVEN HIGH

PRESSURE MICRO DISCHARGE

Commissioner for Patents Office of PCT Legal Administration P.O. Box 1450 Alexandria, VA 22313-1450

COMMUNICATION

Sir:

For:

In response to the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) dated June 14, 2006, (a copy of which is enclosed herewith), please note with respect to the request for the additional claim fee of \$25.00, please note that the claims were misnumbered and no Claim 30 exists in the application. Therefore, the total number of claims presented is 42, not 43 as indicated in the PTO's "Patent Application Fee Determination Record (PTO-875) and Multiple Dependent Claim Fee Calculation Sheet".

Accordingly, it is believed that no fee is required for on additional claim. A preliminary amendment correcting the numbering will be submitted by applicant's attorney. If the Examiner has any questions concerning this matter, he is requested to call applicant's attorney at (908) 654-5000. If there are any additional fees, please charge them to our Deposit Account No. 12-1095.

Respectfully submitted,

LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK LLP

MARCUS/J. MILLET Reg. No. 25,428 600 South Avenue West

Westfield, New Jersey 07090-1497

(908) 654-5000